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        (c)2001 ProQuest Info&Learning
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        (c) 2002 American Institute of Physics
File  99:Wilson Appl. Sci & Tech Abs 1983-2002/Jul
        (c) 2002 The HW Wilson Co.
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DIALOG
Text Abstract Files

```
Set       Items    Description
S1            3    AU='TSUKADA, T'
S2          593    AU='TSUKADA, T.'
S3            1    AU='TSUKADA, TSUNEHIRO'
S4         1107    AU='TSUKADA T'
S5            6    AU='TSUKADA TSUNEHIRO'
S6         1652    S1:S5
S7       403925    (DATA OR INFORMATION)(5N)(TRANSMIT? OR TRANSMIS? OR SEND? -
                OR SENT OR TRANSFER? OR EXCHANG? OR RECEIPT? OR RECEIV?)
S8      2030159    (DISPLAY? OR VIEW?)
S9            0    S6 AND (S7 AND S8)
S10         106    S6 AND (S7 OR S8)
S11     6162037    TIME OR TIMER?
S12          12    S10 AND S11
S13           9    RD (unique items)
S14         157    CO='CANON'
S15           0    S14 AND (S7 AND S8)
S16          44    S14 AND (S7 OR S8)
S17           1    S16 AND S11
S18           1    S17 NOT S13
```

05193041   E.I. No: EIP98124512912
   Title: Gesture and facial expression on tele-robotics
   Author: Ohba, K.; Clary, G.; Hiratuka, S.; **Tsukada, T.**; Kotoku, T.;
Tanie, K.
   Corporate Source: MEL, Tsukuba, Jpn
   Conference Title: Proceedings of the 1998 IEEE/RSJ International
Conference on Intelligent Robots and Systems. Part 3 (of 3)
   Conference Location: Victoria, Can   Conference Date: 19981013-19981017
   E.I. Conference No.: 49406
   ·Source: Innovations in Theory, Practice and Applications IEEE
International Conference on Intelligent Robots and Systems v 3 1998. IEEE,
Piscataway, NJ, USA,98CH36190. p 1596-1601
   Publication Year: 1998
   CODEN: 85RBAH
   Language: English

   Author: Ohba, K.; Clary, G.; Hiratuka, S.; **Tsukada, T.**; Kotoku, T.;
Tanie, K.
   ...Abstract: a most significant factor in tele-communications, such as
tele-services. To realize the real **time** facial expression
transportation system, we proposed the facial expression space (FES) and a
correspondence technique between each personal facial expression spaces.
Then, real **time** facial expression transportation system is developed,
which transport the facial expression but not the image itself. This final
system is able to **display** the same facial expressions in another
persons, further more in cartoon characters. The experimental results...
   Descriptors: Robotics; Telecommunication services; Real **time** systems

01895335   INSIDE CONFERENCE ITEM ID: CN019594582
Essential points for precise etching processes in pulse-time**-modulated
ultrahigh-frequency plasma**
   Samukawa, S.; **Tsukada, T.**
   CONFERENCE: American Vacuum Society-National symposium; 43rd
   JOURNAL OF VACUUM SCIENCE AND TECHNOLOGY A VACUUMS SURFACES AND FILMS,
   1997; VOL 15; NUMBER 3//PT1 P: 643-646
   American Institute of Physics, 1997
   ISSN: 0734-2101
   LANGUAGE: English DOCUMENT TYPE: Conference Selected papers
     CONFERENCE SPONSOR: American Vacuum Society
     CONFERENCE LOCATION: Philadelphia, PA
     CONFERENCE DATE: Oct 1996 (199610) (199610)
   NOTE:
     Also contains papers from three Topical conferences entitled " Flat
     panel **displays**", "Micromechanical systems (MEMS)" and "Magnetic
     surfaces and interfaces" which were also held during the same period;
     See also 4362.0654 vol 22 no 10 1997 for selected abstracts

Essential points for precise etching processes in pulse-time**-modulated
ultrahigh-frequency plasma**
   Samukawa, S.; **Tsukada, T.**

   NOTE:
     Also contains papers from three Topical conferences entitled " Flat
     panel **displays**", "Micromechanical systems (MEMS)" and "Magnetic
     surfaces and interfaces" which were also held during the same...

5920439   INSPEC Abstract Number: B9806-6140C-609, C9806-1250-295
 Title: Facial expression space for smooth tele-communications
   Author(s): Ohba, K.; **Tsukada, T.**; Kotoku, T.; Tanie, K.
   Author Affiliation: Mech. Eng. Lab., AIST, Tsukuba, Japan
   Conference Title: Proceedings Third IEEE International Conference on
Automatic Face and Gesture Recognition (Cat. No.98EX107)   p.378-83
   Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
   Publication Date: 1998 Country of Publication: USA   xvi+625 pp.
   ISBN: 0 8186 8344 9   Material Identity Number: XX98-00945
   U.S. Copyright Clearance Center Code: 0 8186 8344 9/98/$10.00
   Conference Title: Proceedings Third IEEE International Conference on
Automatic Face and Gesture Recognition
   Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Pattern Anal. &
Machine Intelligence (PAMI); Inf. Process. Soc. Japan (IPSJ); IEICE of
Japan; Inst. Image Inf. & Telev. Eng. (ITE); Soc. Instrum. & Control Eng.
(SICE)
   Conference Date: 14-16 April 1998   Conference Location: Nara, Japan
   Language: English
   Subfile: B C
   Copyright 1998, IEE
   Author(s): Ohba, K.; **Tsukada, T.**; Kotoku, T.; Tanie, K.
   ...Abstract: the most significant factor in tele-communications, such as
tele-services. To realize the real **time** facial expression
transportation system, we propose the facial expression space (FES) and a
correspondence technique between each personal facial expression spaces.
Then, real **time** facial expression transportation system is developed,
which transports the facial expression but not the image itself. This final
system is able to **display** the same facial expressions in another person
and further more in cartoon characters. The experimental...

   13/3,K/4   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

5818707   INSPEC Abstract Number: B9803-7260-033
   Title: Scaling theory of liquid-crystal **displays addressed by
thin-film transistors**
   Author(s): **Tsukada, T.**
   Author Affiliation: Central Res. Lab., Hitachi Ltd., Tokyo, Japan
   Journal: IEEE Transactions on Electron Devices   vol.45, no.2   p.
387-93
   Publisher: IEEE,
   Publication Date: Feb. 1998 Country of Publication: USA
   CODEN: IETDAI   ISSN: 0018-9383
   SICI: 0018-9383(199802)45:2L.387:STLC;1-2
   Material Identity Number: I037-98002
   U.S. Copyright Clearance Center Code: 0018-9383/98/$10.00
   Language: English
   Subfile: B
   Copyright 1998, IEE

   Title: Scaling theory of liquid-crystal **displays addressed by
thin-film transistors**
   Author(s): **Tsukada, T.**
   Abstract: The proposed scaling theory for designing thin-film
transistor/liquid-crystal **displays** (TFT/LCD's) addresses the need for a
new design theory for fabricating TFT panels...

... capacitance in the pixels. The trade-off in this scheme is between a
short charging-**time** constant and a large aperture ratio, and a large
voltage offset and a short discharging-**time** constant. The scaling
theory is shown to be a valuable tool to design the next...
   ...Descriptors: flat panel **displays**; ...

...liquid crystal **displays**;

...Identifiers: liquid-crystal **displays**; ...

...discharging-**time** constant

13/3,K/5   (Item 3 from file: 2)

04133438   INSPEC Abstract Number: B9206-2560R-010
  Title: Threshold voltage shift of amorphous silicon thin-film transistors during pulse operation
  Author(s): Oritsuki, R.; Horii, T.; Sasano, A.; Tsutsui, K.; Koizumi, T.; Kaneko, Y.; **Tsukada, T.**
  Author Affiliation: Mobara Works, Hitachi Ltd., Chiba, Japan
  Journal: Japanese Journal of Applied ·Physics, Part 1 (Regular Papers & Short Notes)   vol.30, no.12B   p.3719-23
  Publication Date: Dec. 1991 Country of Publication: Japan
  CODEN: JAPNDE ISSN: 0021-4922
  Language: English
  Subfile: B

  Author(s): Oritsuki, R.; Horii, T.; Sasano, A.; Tsutsui, K.; Koizumi, T.; Kaneko, Y.; **Tsukada, T.**
  ...Abstract: shift of amorphous silicon thin film transistors (TFTs) under pulse operation is discussed. The stress **time**, stress voltage, duty ratio and frequency dependence of the shift have been measured. A positive...
  ...Descriptors: liquid crystal **displays**;
  ...Identifiers: stress **time**;

13/3,K/6   (Item 4 from file: 2)

03606048   INSPEC Abstract Number: B90032156
  Title: Analysis and design of a-Si TFT/LCD panels with a pixel model
  Author(s): Kaneko, Y.; Sasano, A.; **Tsukada, T.**
  Author Affiliation: Hitachi Ltd., Tokyo, Japan
  Journal: IEEE Transactions on Electron Devices   vol.36, no.12   p. 2953-8
  Publication Date: Dec. 1989 Country of Publication: USA
  CODEN: IETDAI ISSN: 0018-9383
  U.S. Copyright Clearance Center Code: 0018-9383/89/1200-2953$01.00
  Language: English
  Subfile: B

  Author(s): Kaneko, Y.; Sasano, A.; **Tsukada, T.**
  Abstract: The design of a-Si thin-film-transistor/liquid-crystal-**display** (TFT/LCD) panels using a pixel model which consists of an equivalent electrical circuit and...

... used to obtain an analytical expression for pixel electrode voltage during the TFT turn-on **time**. The calculated dependence of the LCD panel transmittance on signal voltage is shown to reproduce...
... TFT-addressed 5-in.-diagonal liquid-crystal color TV has been developed which exhibits excellent **display** quality.
  ...Descriptors: flat panel **displays**; ...

...liquid crystal **displays**;
  ...Identifiers: thin film transistor-liquid crystal **display** panel...

...flat panel **display**; ...

...**display** quality

13/3,K/7   (Item 1 from file: 94)

03852101   JICST ACCESSION NUMBER: 99A0079876   FILE SEGMENT: JICST-E
Facial Expression Transportation for real-**time** applications.
CLARY G (1); OHBA K (1); **TSUKADA T** (1); KOTOKU T (1); TANIE K (1)
(1) Aist, Tsukuba, Jpn
Nippon Robotto Gakkai Gakujutsu Koenkai Yokoshu, 1998,
    VOL.16th,dai2bunsatsu, PAGE.723-724, FIG.3, REF.2
JOURNAL NUMBER: X0008AAR
UNIVERSAL DECIMAL CLASSIFICATION: 681.51:007.51
LANGUAGE: English   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

Facial Expression Transportation for real-**time** applications.
CLARY G (1); OHBA K (1); **TSUKADA T** (1); KOTOKU T (1); TANIE K (1)
...ABSTRACT: with virtual faces is mainly focused to realize smooth
    tele-communication. To realize the real-**time** facial expression
    transportation system, a Facial Expression Space (FES), which come
    directly from the Principal...

...from parameters of VRML face, has been proposed. The goal in this
    transportation is to **send** through the network the **information**
    about facial expression, not the images themselves. Then, the final
    system is able to synthesize...

13/3,K/8   (Item 2 from file: 94)

02618449   JICST ACCESSION NUMBER: 95A0871838   FILE SEGMENT: JICST-E
**Correction of Specimen Orientation in Three-Dimensional Measurement of
    Surface Roughness with Small Waviness by Contact Stylus Instrument. 1st
    Report. Theoretical Foundation.**
CHO N (1); **TSUKADA T** (1); TAKAHASHI M (1)
(1) Tokyo Inst. Technol., Tokyo
Int J Jpn Soc Precis Eng, 1995, VOL.29,NO.2, PAGE.156-161, FIG.9, TBL.1,
    REF.11
JOURNAL NUMBER: Z0715ABZ   ISSN NO: 0916-782X
UNIVERSAL DECIMAL CLASSIFICATION: 531.71/.74
LANGUAGE: English   COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Original paper
MEDIA TYPE: Printed Publication

CHO N (1); **TSUKADA T** (1); TAKAHASHI M (1)
...ABSTRACT: used.2) Two parallel measurement lines are used.1) The former
    is developed with a **view** to measuring the uniform surface.2) The
    latter is developed with a **view** to measuring the nonuniform
    surface. The algorithm to decide the optimum measurement length is also
    developed, and the measurement **time** is reduced.

13/3,K/9   (Item 1 from file: 6)

1824400 NTIS Accession Number: DE94737938
  **Development of JAERI material performance database (JMPD) and examples of
its utilization**
  Tsuji, H. ; Yokoyama, N. ; **Tsukada, T. **; Nakajima, H.
  Japan Atomic Energy Research Inst., Tokyo.
  Corp. Source Codes: 014802000; 3413000
  Report No.: JAERI-M-93-204

   Tsuji, H. ; Yokoyama, N. ; **Tsukada, T. **; Nakajima, H.
   ...examples of its utilization. The JMPD has been developed since 1986 in
JAERI with a **view** to utilizing various kinds of characteristic data of
nuclear materials efficiently. Management system of relational...
... K-constant type tests. (3) The method of determining the minimum creep
rate and the **time** to onset of the tertiary creep objectively was
proposed using creep curve data of high...

00357434   94CO08-003
Canon BJC-600
Harrel, William
COMPUTE , August 1, 1994 , v16 n8 p15-16, 26, 3 Page(s)
ISSN: 0194-357X
Company Name: **Canon**
Product Name: Canon BJC-600

Company Name: **Canon**
... transparency test was somewhat slow, but worth the wait. Comments
that it takes a long **time** for the printer driver to rasterize (process)
the **data** and **send** it to the printer--up to two or three times
longer than similar printers reviewed...